

January 4, 2001

Ms. Pamela Grubaugh-Littig
Permit Supervisor
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

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Dear Ms. Grubaugh-Littig:

I am enclosing for submittal the 4th Quarter 2000 Engineering Inspection Reports for Cottonwood/Wilberg and Des Bee Dove Waste Rock Site and the old Waste Rock Site. Also, the Deer Creek Waste Rock Site and Elk Canyon/Original Site are enclosed.

Sincerely,

John Christensen, P.E. Sr. Construction Engineer

Encls.

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INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE			Page 1 of 3	
Permit Number	ACT/015/018	Report Date	Dec. 21, 2000	
Mine Name	Deer Creek			
Company Name	Energy West Mining Company			
Excess Spoil Pile or Refuse Pile Identification	Pile Name	Waste Rock Disposal Site		
	Pile Number			
	MSHA ID Number	1211-UT-09-00121-02		
Inspection Date	Dec 14, 2000			
Inspected By	John Christensen/Rick Cullum/ Ed Riggle			
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection,		Fourth Quarter Inspection 2000		
Critical Installation, o	ner Periodic Inspection, r Completion of Construction)	Attachments to Report?	No 🗆 Yes	
Field Evaluation				

Field Evaluation

- 1. Foundation preparation, including the removal of all organic material and topsoil.
- All construction was done according to the permitted, professional engineered design specifications.
- Placement of underdrains and protective filter systems.

An underdrain was installed when the site was constructed in 1989. The drain had a small amount of flow coming through it at the time of the inspection.

- Installation of final surface drainage systems.
- All interim slopes are maintained at their proper grade. The final slopes are surveyed to assure they are correct. Also the two final designed rip-rap ditches were installed as per the permitted plan and are extended as more lifts are added.

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Placement and compaction of fill materials.	
The site was leveled in July, trash and Lift was sampled as required. The activ capacity.	extraneous material were removed e lift is at approximately 30%
. Final grading and revegetation of fill.	-
See No. 3.	
The sub-soil berm surrounding the site w	as seeded shortly after
Appearances of instability, structural weakness, and	other hazardous conditions.
No weakness or instabilities are evident	at this time.

abatement of such fires, volumes of materials placed in the structure during the year, and any other aspect of the structure affecting its stability or function which has occurred during the reporting

period.

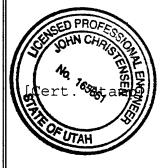
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ON EXCESS SPOIL PILE OR REFUSE PILE

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The total storage capacity of the Area No. 1 cell is 460,000 cubic yards. The elevation of the current lift varies with the required drainage slope. The surveyed elevation at the center of the active lift is 6,349.74 ft. The final design elevation will be 6,369 ft. The Area No. 1 cell is approximately 36% capacity.

The estimated volume of material hauled in 2000 to the site was 8,702 cubic yards, as of Nov. 1, 2000.

Certification Statement



I hereby certify that; I am experienced in the construction of earth and rock fills; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

By: JOHN CHRISTENSEN, SR. CONSTRUCTION ENG.

(Full Name and Title)

Signature: Date: 1/4/01

P.E. Number & State: 165651 UTAH

INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE			Page 1 of 3	
Permit Number	ACT/015/018	Report Date	Dec. 21, 2000	
Mine Name	Deer Creek			
Company Name	Energy West Mining Company			
Excess	Pile Name	ELK CANYON/ORIGINAL SITE		
Spoil Pile or Refuse Pile	Pile Number			
Identification	MSHA ID Number	1211-UT-09-00121-01		
Inspection Date	Dec. 13, 2000	Dec. 13, 2000		
Inspected By	John Christensen/Ric	k Cullum		
Reason for Inspe	ction ther Periodic Inspection, or Completion of Construction)	Fourth Quarter Inspection 2000		
Critical Installation, o		Attachments to Report?	No 🗆 Yes	
Field Evaluation				
The construction of both sites have been complete for some time in excess of 8 years. The foundations appear to be stable.				
2. Placement of underdrains and protective filter systems. None				
3. Installation of final surface drainage systems. The slopes of both sites have no rills, gullies or sloughage present.				

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INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE		Page 2 of 3			
4. Placement and compaction of fill materials.					
No fill material is being placed at either site, since both are at their designed capacity. The Elk Canyon site contains approximately 24,000 cubic yards and the original site 90,000 cubic yards of fill material.					
5. Final grading and revegetation of fill.					
The sites are at capacity. The final revegetated.	grades are establi	shed and are			
6. Appearances of instability, structural weakness, and other hazardous conditions.					
None were observed.					
7. Other Comments. Describe any changes in the geo	metry of the Excess Spoil/Ref	use Pile structure			

instrumentation, average and maximum lifts of materials placed in the pile, elevations of active benches, total and remaining storage capacity of the structure, evidence of fires in the pile and abatement of such fires, volumes of materials placed in the structure during the year, and any other aspect of the structure affecting its stability or function which has occurred during the reporting

period.

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INSPECTION AND CERTIFIED REPORT		Page 3 of 3			
ON EXCESS SPOIL PILE OR REFUSE PILE		rage 5 or 5			
There was no coal stored in the Elk (Canyon pad at the ti	me of inspection.			
Certification Statement I hereby certify that; I am experienced in the construction of earth and rock fills; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability. [Cert. Stamp] JOHN CHRISTENSEN, SR. CONSTRUCTION ENG.					
Signature: Churte	Date: <u> /4/01</u> }TAH	No. 165651			